

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
455 12TH STREET, S.W.  
WASHINGTON, D.C. 20554

---

News media information 202/418-0500 Fax-On-Demand 202/418-2830

Released: March 9, 2015

## **Report No. 465                      EXPERIMENTAL ACTIONS**

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/15 to 1/31/15:

- **ACADEMI LLC    0015-EX-PL-2015 WH2XPG**  
New experimental to operate on 1670 MHz for testing small UAV's  
Mobile: Airborne UAV operations, 6.4 Km of center, 457m AGL, Moyock, NC
- **AEROSPACE CORPORATION, THE    0653-EX-PL-2014 WH2XLA**  
New experimental to operate on 914.7 MHz for Cubesat testing.  
Fixed: El Segundo (Los Angeles), CA; San Luis Obispo (San Luis Obispo), CA; College Station (Brazos), TX; Gainesville (Alachua), FL; Honolulu (Honolulu), HI; Mt. Wilson (Los Angeles), CA;
- **AEROSPACE CORPORATION, THE    0811-EX-PL-2014 WH2XNZ**  
New experimental to operate in 92.05 - 99.95 GHz for testing radar  
Fixed: El Segundo (Los Angeles), CA
- **APPLIED RESEARCH ASSOCIATES, INC    0807-EX-PL-2014 WH2XNY**  
New experimental to operate on 900 MHz for equipment testing  
Mobile: New Castle (West Chester), NY
- **BOEING COMPANY, THE    0642-EX-PL-2014 WH2XLT**  
New experimental to operate in 24.00 - 25.70 GHz for testing paint measuring device.  
Fixed: Everett (Snohomish), Seattle (King), WA; Portland (Multnomah), OR; Charleston (Charleston), SC; Victorvillen (San Bernardino), CA
- **BOEING COMPANY, THE    0694-EX-PL-2014 WH2XLO**  
New experimental to operate on 2269.50 MHz for testing MSA aircraft production.  
Fixed: Kent (King), WA

- **BOEING COMPANY, THE 0741-EX-PL-2014 WH2XMT**  
New experimental to operate in 902.00 - 928.00 and 2410.75 - 2495.00 MHz for testing various components used in research and development of UAS.  
Mobile: Sherman (Grayson), TX
- **BOEING COMPANY, THE 0770-EX-PL-2014 WH2XMU**  
New experimental to operate in 2410.75 - 2495.00 MHz for testing various components used in research and development of unmanned system.  
Fixed & Mobile: Barking Sands (Kauai), HI
- **BOEING COMPANY, THE 0822-EX-PL-2014 WH2XNT**  
New experimental to operate in 2024.00 - 2968.00 MHz for testing equipment.  
Fixed: Middletown, DE
- **BOEING COMPANY, THE 0849-EX-PL-2014 WH2XNW**  
New experimental to operate in 33.50 - 34.50 GHz for testing K-band radar equipment.  
Mobile: Dallas, TX
- **BOEING COMPANY, THE 0859-EX-PL-2014 WH2XOC**  
New experimental to operate in 2391.00 - 2495.00 MHz for testing MSA aircraft.  
Fixed & Mobile: Flight 37,000 ft AGL, China Lake, CA; Yuma, AZ and Honolulu, HI
- **BOEING COMPANY, THE 0875-EX-PL-2014 WH2XOI**  
New experimental to operate on 4400.00, 4750.00 and 4900.00 MHz for testing a Sniper pod.  
Fixed: Oklahoma City, OK
- **BOEING COMPANY, THE 0005-EX-PL-2015 WH2XPQ**  
New experimental to operate in 29.00 - 31.00 GHz for testing Ka-band phased array satellite system.  
Mobile: El Paso, TX
- **BOOZ ALLEN HAMILTON INC. 0558-EX-PL-2014 WH2XJO**  
New experimental to operate in 143.685 - 143.980 MHz for testing Cubesat.  
Fixed & Mobile: Rochester (Olmsted), NY; Linthicum (Anne Arundel), MD; Non-Geostationary Space Orbit
- **BRIAN S. MCDANIEL 0893-EX-PL-2014 WH2XOR**  
New experimental to operate in 137.30 - 137.90 kHz to examine the effectiveness of electrically charged short antennas.  
Fixed: Crest Hill (Will), IL
- **DEPUY SYNTHES POWER TOOLS 0008-EX-PL-2015 WH2XOX**  
New experimental to operate on 2.4 GHz for testing Part 15 devices  
Mobile: Palm Beach Gardens, FL
- **FREEWAVE TECHNOLOGIES, INC. 0872-EX-PL-2014 WH2XOL**  
New experimental to operate in 924.50 - 927.50 and 928.00 - 960.00 MHz for testing equipment.  
Fixed: Boulder and Erie, CO
- **INTELLISAW 0697-EX-PL-2014 WH2XLQ**  
New experimental to operate in 425.00 - 442.00 MHz to test a radio system.  
Fixed: Burrillville, RI

- **IROBOT CORPORATION 0835-EX-PL-2014 WH2XOA**  
New experimental to operate in 3-6 GHz to test equipment.  
Mobile: Bedford, MA
- **L3 COMMUNICATIONS 0797-EX-PL-2014 WH2XNR**  
New experimental to operate in 2.00 - 29.95 MHz to calibrate a detection system DoD contract.  
Fixed: Greenville (Hunt), TX
- **LOCKHEED MARTIN CORPORATION 0714-EX-PL-2014 WH2XMY**  
New experimental to operate in 1264.00 - 1372.50 MHz to test TPS-59 radar.  
Fixed & Mobile: South Syracuse (Madison), NY
- **LOCKHEED MARTIN CORPORATION 0755-EX-PL-2014 WH2XMR**  
New experimental to operate on 500 MHz for functional check of ARC-222 radio.  
Mobile: Marietta, GA
- **LOCKHEED MARTIN CORPORATION 0779-EX-PL-2014 WH2XMZ**  
New experimental to operate on 1030.00 MHz to test transmitter operations and TPS-59 radar.  
Fixed & Mobile: South Syracuse (Madison), NY
- **LOCKHEED MARTIN CORPORATION 0840-EX-PL-2014 WH2XOB**  
New experimental to operate in 2.1835 - 29.9999 MHz to test an HF radio system.  
Fixed & Mobile: Owego (Tioga), NY
- **LOCKHEED MARTIN CORPORATION 0009-EX-PL-2015 WH2XOT**  
New experimental to operate on 1227.6 MHz and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems  
Fixed: West Palm Beach (Palm Beach), FL
- **MNEMONICS, INC. 0834-EX-PL-2014 WF2XKK**  
New experimental to operate in 800-900 MHz to test wireless sensors  
Mobile: Melbourne, FL
- **NORTHROP GRUMMAN SYSTEMS CORPORATION 0756-EX-PL-2014 WH2XOH**  
New experimental to operate on 2.1875 MHz, 4.0275 MHz, 6.318 MHz, 8.4145 MHz, 12.577 MHz and 16.8045 MHz to test equipment pursuant to U.S. Navy contract.  
Fixed: Ocean Springs (Jackson), MS
- **QUALCOMM TECHNOLOGIES, INC. 0853-EX-PL-2014 WH2XOD**  
New experimental to operate on 2310.00 and 2355.00 MHz to test small cell technology.  
Mobile: Los Angeles, CA
- **QUALCOMM TECHNOLOGIES, INC 0878-EX-PL-2014 WH2XOW**  
New experimental to operate in 28-30 GHz to test point to point equipment.  
Fixed: Bridgewater (Somerset), NY
- **RAYTHEON MISSILE SYSTEMS 0229-EX-PL-2014 WH2XJA**  
New experimental to operate in bands between 14.00 kHz and 40000.00 MHz for EMI testing for standard missile program.  
Fixed: Tucson (Pima), AZ

- **RAYTHEON MISSILE SYSTEMS 0344-EX-PL-2014 WH2XLY**  
 New experimental to operate in bands between 1000.00 and 6700.00 MHz for calibration and verification of receive antennas.  
 Fixed & Mobile: Albuquerque (Bernalillo), NM
- **RELIABLE SYSTEM SERVICES CORPORATION 0630-EX-PL-2014 WH2XLC**  
 New experimental to operate in 2200.00 - 2240.00, 2250.00 - 2290.00, 4800.00 - 4840.00, 4850.00 - 4890.00 and 4910.00 - 4950.00 MHz to support a demonstration for the RT-1944A/U radio.  
 Fixed & Mobile: Melbourne (Brevard), FL; Cape Canaveral, FL;
- **SCIENTIFIC RESEARCH CORPORATION 0777-EX-PL-2014 WH2XOO**  
 New experimental to operate on various HF frequencies between 4.526 MHz and 24.324 MHz to develop and test a new modulation type.  
 Fixed: Austell (Cobb), GA; Johnson City (Blanco), TX; Cantonment (Escambia), FL; Dahlonga (Lumpkin), GA
- **SPIDERCLOUD WIRELESS, INC 0901-EX-PL-2014 WH2XOY**  
 New experimental to operate in 1930-1990 MHz and 2110-2155 MHz to test 3G/4G femtocell wireless products.  
 Fixed: San Diego (San Diego), CA
- **SPIDERCLOUD WIRELESS, INC 0902-EX-PL-2014 WH2XOZ**  
 New experimental in 2620-2690 MHz to test 3G/4G femtocell wireless products.  
 Fixed: San Diego (San Diego), CA